DEFENSE INFORMATION INFRASTRUCTURE (DII)

COMMON OPERATING ENVIRONMENT (COE)

Release 3.1
Solaris 2.5.1 Roadmap

2 April 1997

Prepared for:

Defense Information Systems Agency

Package Contents:

	TITLE		APPENDIX
1	DII COE Programmer's Manual		
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2	DII COE Programmer's Reference Manual		
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3	DII COE Consolidated Version Description Document		
4	DII COE Consolidated Installation Guide		
5	DII COE System Administrators Guide		

1. Programmers Manual - Provides an introduction to the DII COE environment for an application developer. It provides an overview of the overall COE architecture, describes the concepts which form the core services in the COE, outlines COE components provided in release 3.1, and how DISA administers the COE and guides overall COE development. An appendix includes the *DII COE Programmer's Guide* which describes how to:

- C load the Developer's Toolkit and Common Desktop Environment products
- C develop an application using the DII COE APIs
- C install, verify, and test segments

2. Programmers Reference Manual - Provides specific information needed by application developers to field applications within the DII COE. Describes the mandated methodology and standards for development within the DII COE, tools which support development, a list of available functionality, and on-line capabilities for obtaining additional information. The manual as delivered includes Application Program Interface (API) guides as additional appendices as follows:

- C *DII COE API Reference Guide* - outlines the standard COE set of APIs
- C *DII COE CMP API* - provides details on APIs supporting Messaging Handling
- C *DII COE SHADE API for DBAdm* - provides details on tools used to perfom database administration functions for both Database Administrators and Developers.

3. Consolidated Version Description Document (**VDD**) - Outlines new capabilities, changes of

software used by developers, excluding licensed COTS products. updates provided in release DII COE Release 3.1.

4. Consolidated Installation Guide - Provides detailed, step by step instructions for installing the COE (Kernel, GOTS, COTS, Freeware/Shareware...) on a hardware platform.

5. Systems Administration Guide - Outlines procedures and tools available to assist systems administrators in establishing and maintaining a DII COE system. It addresses normal systems management functions and COE specific considerations.

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   └─────────┘         │  Programmers │
                       │ Manual (PM)  │
                       └──────────────┘
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Start → **Programmers Manual (PM)**

- Systems, Network, and Security Administrators → **Systems Administration Guide**
- Database Administrator → **Commercial Documentation**
- Application Developer → **Programmers Reference Manual (PRM)**
- Application Developer → **Version Description Document** (Reference for Changes, Fixes, & Problems)

Systems Administration Guide
- Systems Administrator → **Commercial Documentation**
- Network Administrator → **Version Description Document (DCE)**
- Security Administrator → **COE User Profiles APIs (PRM Appx)**

Commercial Documentation
- System Install or Update → **Version Description Document** → **Installation Guide**

Version Description Document (DCE) → **COE API Reference Guide (PRM Appx)**

Commercial Documentation (Database Administrator) → **Version Description Document (DBAdm)** → **User's Manual (DBAdm)** → **COE DBAdm API Guide (PRM Appx)**

Programmers Reference Manual (PRM) → **Programming Guide (PM Appx)** → **COE API Reference Guide**

PRM Appendices

COE Tools

COE API Reference Guide
- Messaging → **COE CMP API Guide**
- Database → **COE DBAdm API Guide**
- Mapping → **COE JMTK API Guide**
- Services → **COE SDE API Guides**

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